

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 101563,414
Source: JFWP
Date Processed by STIC: 1/13/06

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/563,414

DATE: 01/13/2006

TIME: 10:13:27

Input Set : N:\DA\PTO.DA.txt

Output Set: N:\CRF4\01132006\J563414.raw

3 <110> APPLICANT: BRIAND, JEAN-PAUL
 4 BOULANGER, PIERRE
 5 BOULANGER, SAW SEE
 6 FRENKEL, VALERIE
 7 GUILLET, JEAN-GERARD
 8 BLONDEL, ARMEILLE
 9 LENGAGNE, RENEE
 11 <120> TITLE OF INVENTION: NOVEL IMMUNE BOOSTER COMPOUND, COMPOSITIONS comprISING THE
 12 SAME AND METHODS USING SAID BOOSTER COMPOUND.
 14 <130> FILE REFERENCE: CHEP:016US
 C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/563,414
 17 <141> CURRENT FILING DATE: 2006-01-03
 19 <150> PRIOR APPLICATION NUMBER: PCT/FR2004/050308
 W--> 20 <151> PRIOR FILING DATE: 2004-07-02
 22 <150> PRIOR APPLICATION NUMBER: FR 03/08239
 W--> 23 <151> PRIOR FILING DATE: 2003-7-04
 25 <160> NUMBER OF SEQ ID NOS: 3
 27 <170> SOFTWARE: PatentIn Ver. 2.1
 29 <210> SEQ ID NO: 1
 30 <211> LENGTH: 581
 31 <212> TYPE: PRT
 32 <213> ORGANISM: Adenovirus type 5
 34 <400> SEQUENCE: 1
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 36 1 5 10 15
 38 Tyr Asp Thr Glu Thr Gly Pro Pro Thr Val Pro Phe Leu Thr Pro Pro
 39 20 25 30
 41 Phe Val Ser Pro Asn Gly Phe Gln Glu Ser Pro Pro Gly Val Leu Ser
 42 35 40 45
 44 Leu Arg Leu Ser Glu Pro Leu Val Thr Ser Asn Gly Met Leu Ala Leu
 45 50 55 60
 47 Lys Met Gly Asn Gly Leu Ser Leu Asp Glu Ala Gly Asn Leu Thr Ser
 48 65 70 75 80
 50 Gln Asn Val Thr Thr Val Ser Pro Pro Leu Lys Lys Thr Lys Ser Asn
 51 85 90 95
 53 Ile Asn Leu Glu Ile Ser Ala Pro Leu Thr Val Thr Ser Glu Ala Leu
 54 100 105 110
 56 Thr Val Ala Ala Ala Ala Pro Leu Met Val Ala Gly Asn Thr Leu Thr
 57 115 120 125
 59 Met Gln Ser Gln Ala Pro Leu Thr Val His Asp Ser Lys Leu Ser Ile
 60 130 135 140
 62 Ala Thr Gln Gly Pro Leu Thr Val Ser Glu Gly Lys Leu Ala Leu Gln
 63 145 150 155 160

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65 Thr Ser Gly Pro Leu Thr Thr Asp Ser Ser Thr Leu Thr Ile Thr
66 165 170 175
68 Ala Ser Pro Pro Leu Thr Thr Ala Thr Gly Ser Leu Gly Ile Asp Leu
69 180 185 190
72 Lys Glu Pro Ile Tyr Thr Gln Asn Gly Lys Leu Gly Leu Lys Tyr Gly
73 195 200 205
75 Ala Pro Leu His Val Thr Asp Asp Leu Asn Thr Leu Thr Val Ala Thr
76 210 215 220
78 Gly Pro Gly Val Thr Ile Asn Asn Thr Ser Leu Gln Thr Lys Val Thr
79 225 230 235 240
81 Gly Ala Leu Gly Phe Asp Ser Gln Gly Asn Met Gln Leu Asn Val Ala
82 245 250 255
84 Gly Gly Leu Arg Ile Asp Ser Gln Asn Arg Arg Leu Ile Leu Asp Val
85 260 265 270
87 Ser Tyr Pro Phe Asp Ala Gln Asn Leu Asn Leu Arg Leu Gly Gln
88 275 280 285
90 Gly Pro Leu Phe Ile Asn Ser Ala His Asn Leu Asp Ile Asn Tyr Asn
91 290 295 300
93 Lys Gly Leu Tyr Leu Phe Thr Ala Ser Asn Asn Ser Lys Lys Leu Glu
94 305 310 315 320
96 Val Asn Leu Ser Thr Ala Lys Gly Leu Met Phe Asp Ala Thr Ala Ile
97 325 330 335
99 Ala Ile Asn Ala Gly Asp Gly Leu Glu Phe Gly Ser Leu Asn Ala Pro
100 340 345 350
102 Asn Ser Asn Pro Leu Lys Thr Lys Ile Gly His Gly Leu Glu Phe Asp
103 355 360 365
105 Ser Asn Lys Ala Met Val Pro Lys Leu Gly Thr Gly Leu Ser Phe Asp
106 370 375 380
108 Ser Thr Gly Ala Ile Thr Val Gly Asn Lys Asn Asn Asp Lys Leu Thr
109 385 390 395 400
111 Leu Trp Thr Thr Pro Ala Pro Ser Pro Asn Cys Arg Leu Asn Ala Glu
112 405 410 415
114 Lys Asp Ala Lys Leu Thr Leu Val Leu Thr Lys Cys Gly Ser Gln Ile
115 420 425 430
117 Leu Ala Thr Val Ser Val Leu Ala Val Lys Gly Ser Leu Ala Pro Ile
118 435 440 445
120 Ser Gly Thr Val Gln Ser Ala His Leu Ile Ile Arg Phe Asp Glu Asn
121 450 455 460
123 Gly Val Leu Leu Asn Asn Ser Phe Leu Asp Pro Glu Tyr Trp Asn Phe
124 465 470 475 480
126 Arg Asn Gly Asp Leu Thr Glu Gly Thr Ala Tyr Thr Asn Ala Val Gly
127 485 490 495
129 Phe Met Pro Asn Leu Ser Ala Tyr Pro Lys Ser His Gly Lys Thr Ala
130 500 505 510
132 Lys Ser Asn Ile Val Ser Gln Val Tyr Leu Asn Gly Asp Lys Thr Lys
133 515 520 525
135 Pro Val Thr Leu Thr Ile Thr Leu Asn Gly Thr Gln Glu Thr Gly Asp
136 530 535 540
138 Thr Thr Pro Ser Ala Tyr Ser Met Ser Phe Ser Trp Asp Trp Ser Gly

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141 His Asn Tyr Ile Asn Glu Ile Phe Ala Thr Ser Ser Tyr Thr Phe Ser
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144 Tyr Ile Ala Gln Glu
145           580
148 <210> SEQ ID NO: 2
149 <211> LENGTH: 319
150 <212> TYPE: PRT
151 <213> ORGANISM: Adenovirus type 3
153 <400> SEQUENCE: 2
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157 Tyr Glu Asp Glu Ser Asn Leu Gln His Pro Phe Ile Asn Pro Gly Phe
158     20      25      30
160 Ile Ser Pro Asp Gly Phe Thr Gln Ser Pro Asn Gly Val Leu Ser Leu
161     35      40      45
163 Lys Cys Val Asn Pro Leu Thr Thr Ala Ser Gly Ser Leu Gln Leu Lys
164     50      55      60
166 Val Gly Ser Gly Leu Thr Val Asn Thr Thr Asp Gly Ser Leu Glu Glu
167     65      70      75      80
169 Asn Ile Lys Val Asn Thr Pro Leu Thr Lys Ser Asn His Ser Ile Asn
170           85      90      95
172 Leu Pro Ile Gly Asn Gly Leu Gln Ile Glu Gln Asn Lys Leu Cys Ser
173     100     105     110
175 Lys Leu Gly Asn Gly Leu Thr Phe Asp Ser Ser Asn Ser Ile Ala Leu
176     115     120     125
178 Lys Asn Asn Thr Leu Trp Thr Gly Pro Lys Pro Glu Ala Asn Cys Ile
179     130     135     140
181 Ile Glu Tyr Gly Lys Glu Asn Pro Asp Ser Lys Leu Thr Leu Ile Leu
182 145           150     155     160
184 Val Lys Asn Gly Gly Ile Val Asn Gly Tyr Val Thr Leu Met Gly Ala
185           165     170     175
187 Ser Asp Tyr Val Asn Thr Leu Phe Lys Asn Lys Asn Val Ser Ile Asn
188           180     185     190
190 Val Glu Leu Tyr Phe Asp Ala Thr Gly His Ile Leu Pro Asp Leu Ser
191           195     200     205
193 Ser Leu Lys Thr Asp Leu Gln Leu Lys Tyr Lys Gln Thr Thr His Phe
194           210     215     220
196 Ser Ala Arg Gly Phe Met Pro Ser Thr Thr Ala Tyr Pro Phe Val Leu
197 225           230     235     240
199 Pro Asn Ala Gly Thr Asp Asn Glu Asn Tyr Ile Phe Gly Gln Cys Tyr
200           245     250     255
202 Tyr Lys Ala Ser Asp Gly Ala Leu Phe Pro Leu Glu Val Thr Val Thr
203           260     265     270
205 Leu Asn Lys Arg Leu Pro Asp Ser Arg Thr Ser Tyr Val Met Thr Phe
206           275     280     285
208 Leu Trp Ser Leu Asn Ala Gly Leu Ala Pro Glu Thr Thr Gln Ala Thr
209           290     295     300
211 Leu Ile Thr Ser Pro Phe Thr Phe Ser Tyr Ile Arg Glu Asp Asp

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216	<211>	LENGTH: 587		
217	<212>	TYPE: PRT		
218	<213>	ORGANISM: Adenovirus type 12		
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222	1	5	10	15
224	Asp Phe Asn Pro Val Tyr Pro Phe Asp Pro Phe Asp Thr Ser Asp Val			
225	20	25	30	
227	Pro Phe Val Thr Pro Pro Phe Thr Ser Ser Asn Gly Leu Gln Glu Lys			
228	35	40	45	
230	Pro Pro Gly Val Leu Ala Leu Asn Tyr Lys Asp Pro Ile Val Thr Glu			
231	50	55	60	
233	Asn Gly Thr Leu Thr Leu Lys Leu Gly Asp Gly Ile Lys Leu Asn Ala			
234	65	70	75	80
236	Gln Gly Gln Leu Thr Ala Ser Asn Asn Ile Asn Val Leu Glu Pro Leu			
237	85	90	95	
239	Thr Asn Thr Ser Gln Gly Leu Lys Leu Ser Trp Ser Ala Pro Leu Ala			
240	100	105	110	
242	Val Lys Ala Ser Ala Leu Thr Leu Asn Thr Arg Ala Pro Leu Thr Thr			
243	115	120	125	
245	Thr Asp Glu Ser Leu Ala Leu Ile Thr Ala Pro Pro Ile Thr Val Glu			
246	130	135	140	
248	Ser Ser Arg Leu Gly Leu Ala Thr Ile Ala Pro Leu Ser Leu Asp Gly			
249	145	150	155	160
251	Gly Gly Asn Leu Gly Leu Asn Leu Ser Ala Pro Leu Asp Val Ser Asn			
252	165	170	175	
254	Asn Asn Leu His Leu Thr Thr Glu Thr Pro Leu Val Val Asn Ser Ser			
255	180	185	190	
257	Gly Ala Leu Ser Val Ala Thr Ala Asp Pro Ile Ser Val Arg Asn Asn			
258	195	200	205	
260	Ala Leu Thr Leu Pro Thr Ala Asp Pro Leu Met Val Ser Ser Asp Gly			
261	210	215	220	
263	Leu Gly Ile Ser Val Thr Ser Pro Ile Thr Val Ile Asn Gly Ser Leu			
264	225	230	235	240
266	Ala Leu Ser Thr Thr Ala Pro Leu Asn Ser Thr Gly Ser Thr Leu Ser			
267	245	250	255	
269	Leu Ser Val Ala Asn Pro Leu Thr Ile Ser Gln Asp Thr Leu Thr Val			
270	260	265	270	
272	Ser Thr Gly Asn Gly Leu Gln Val Ser Gly Ser Gln Leu Val Thr Arg			
273	275	280	285	
275	Ile Gly Asp Gly Leu Thr Phe Asp Asn Gly Val Met Lys Val Asn Val			
276	290	295	300	
278	Ala Gly Gly Met Arg Thr Ser Gly Gly Arg Ile Ile Leu Asp Val Asn			
279	305	310	315	320
281	Tyr Pro Phe Asp Ala Ser Asn Asn Leu Ser Leu Arg Arg Gly Leu Gly			
282	325	330	335	
284	Leu Ile Tyr Asn Gln Ser Thr Asn Trp Asn Leu Thr Thr Asp Ile Ser			

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285 340 345 350
287 Thr Glu Lys Gly Leu Met Phe Ser Gly Asn Gln Ile Ala Leu Asn Ala
288 355 360 365
290 Gly Gln Gly Leu Thr Phe Asn Asn Gly Gln Leu Arg Val Lys Leu Gly
291 370 375 380
293 Ala Gly Leu Ile Phe Asp Ser Asn Asn Ile Ala Leu Gly Ser Ser
294 385 390 395 400
296 Ser Asn Thr Pro Tyr Asp Pro Leu Thr Leu Trp Thr Thr Pro Asp Pro
297 405 410 415
299 Pro Pro Asn Cys Ser Leu Ile Gln Glu Leu Asp Ala Lys Leu Thr Leu
300 420 425 430
302 Cys Leu Thr Lys Asn Gly Ser Ile Val Asn Gly Ile Val Ser Leu Val
303 435 440 445
305 Gly Val Lys Gly Asn Leu Leu Asn Ile Gln Ser Thr Thr Thr Thr Val
306 450 455 460
308 Gly Val His Leu Val Phe Asp Glu Gln Gly Arg Leu Ile Thr Ser Thr
309 465 470 475 480
312 Pro Thr Ala Leu Val Pro Gln Ala Ser Trp Gly Tyr Arg Gln Gln
313 485 490 495
315 Ser Val Ser Thr Asn Thr Val Thr Asn Gly Leu Gly Phe Met Pro Asn
316 500 505 510
318 Val Ser Ala Tyr Pro Arg Pro Asn Ala Ser Glu Ala Lys Ser Gln Met
319 515 520 525
321 Val Ser Leu Thr Tyr Leu Gln Gly Asp Thr Ser Lys Pro Ile Thr Met
322 530 535 540
324 Lys Val Ala Phe Asn Gly Ile Thr Ser Leu Asn Gly Tyr Ser Leu Thr
325 545 550 555 560
327 Phe Met Trp Ser Gly Leu Ser Asn Tyr Ile Asn Gln Pro Phe Ser Thr
328 565 570 575
330 Pro Ser Cys Ser Phe Ser Tyr Ile Thr Gln Glu
331 580 585

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/563,414

DATE: 01/13/2006

TIME: 10:13:28

Input Set : N:\DA\PTO.DA.txt

Output Set: N:\CRF4\01132006\J563414.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application Number

L:20 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD

L:23 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD